Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Tuesday 11 May 2021 until 23:59 on Wednesday 12 May 2021

Forecast Issued on Tuesday 11 May 2021 at 00:16

Confidence: High for unsettled theme, low for shower detail and potential for heavy rain overnight Wednesday into Thursday.

Headline for Tuesday 11 May 2021: A dry and bright start. Showerss developing, heavy and possibly thundery at times.

Mountain weather hazards on Tuesday 11 May 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales Low Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** No Likelihood
Thunderstorms Low Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Medium Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Sunny intervals	Light rain showers	Light rain showers	Cloudy	Cloudy
Precipitation probability					
10%	20%	60%	60%	30%	30%

Forecast for Tuesday 11 May 2021

Weather: A dry but rather cloudy start to Tuesday. Some showers will develop during the morning, these spreading northwards whilst becoming locally heavy, with perhaps a rumble of thunder. Showers dying away during the evening.

Chance of cloud free mountain/hill tops above 600m: 90% with hill tops largely clear of cloud.

Visibility: Very good but deteriorating rapidly in and around any showers, with cloud bases down to 600-700m at times, obscuring summits

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Mountain Weather Forecast

Forecast for Tuesday 11 May 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	15/19 S	16/22 S	17/24 SE	18/24 SE	18/25 S	19/27 S	18/26 S
300	13/18 S	14/20 SE	14/21 S	17/24 SE	15/23 SE	14/22 S	14/22 S
Valley	8/17 SE	11/20 SE	9/18 SE	13/24 SE	11/23 SE	9/21 S	9/20 S

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	4/-0	6/2	8/4	8/4	8/4	6/1	4/-1
300	6/3	9/6	10/7	11/8	10/7	8/5	7/3
Valley	7/5	10/8	11/9	13/10	11/9	9/6	7/4
Freezing Level*	1100m	1200m	1400m	1400m	1400m	1300m	1200m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Feeling rather chilly on peaks, with temperaturtes in single figure, especially in showers. More pleasant in valleys. Sunshine may be strong at times around midday.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Mon 10 May 2021	0mm	0mm	0mm

Forecast for Wednesday 12 May 2021

Weather: After a dry, largely clear night with just some patchy low cloud around dawn, morning sunny spells are forecast. Scattered showers will develop, locally heavy with low chance of thunder. Rather chilly in moderate or fresh southerly winds at altitude. Cloud thickening later with a risk of heavy rain overnight.

Maximum wind: South-westerly 15 gust 25 mph

Chance of cloud free mountain/hill tops above 600m: 40% at first becoming 90% by mid-morning.

Visibility: Moderate at first soon becoming very good but deteriorating in showers.

Temperature: **Valleys:** Plus 4 becoming 15 Celsius
At 600m: Plus 2 becoming plus 9 Celsius
Freezing level: Above summits.

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